



Project Management and User experience

Type:
**Undergraduate
(Bachelor)**

Field of study:
Informatics

Duration of study:
4 years (8 semesters)

Mode:
full-time | online

Language:
Polish | English



Obtained title:
engineer

Why you should choose this study program?

If you want to work in IT and, at the same time, you like working with people - this specialization is for you! It is an excellent choice for those who would like to broaden their knowledge and experience not only in terms of typical technical competencies, but also to learn about issues related to user experience and project management

also extremely crucial for the successful implementation of IT projects. The competences acquired in the course of studies in the field of specialization combined with the competences gained in this specialization will allow to work effectively at the interface between people working with technology and people working in business.

What You can do after this study program



Working in the IT sector is not just about programming and technology! It is difficult to imagine effective implementation of IT projects without an effective project manager - Project Manager. And even the best programmers won't create a great application if it is prepared by proper understanding of users' needs - and this is what UX/UI designer does. This is why graduating from this specialization offers such broad career prospects - from work in professional teams in IT and new technology companies to startups and freelance work.

This programme is for You, if:

You feel good working with people and you establish relations easily

You can understand people's needs and combine it with the use of technology

You are looking for interesting and ambitious tasks in the IT sector



Degree programme and study structure

Study last 4 years (8 semesters), are worth of 240 ECTS credits, end with a Professional Engineering degree.

The curriculum covers the most important key areas of computer science and a wide selection of specialization tracks. A special feature of the program at UEHS is that each student has the opportunity to choose at least 2 specialties that they would like to complete.

FIRST YEAR OF STUDY

The first year of studies is dominated by subjects which, irrespective of the chosen field of study, provide a broad horizon of thinking and an understanding of the concepts and basic issues in a given field of science. As a result, you will acquire knowledge and skills that will make it easier for you to find your place in many different professional areas in the future and prepare you to undertake interdisciplinary projects, which is nowadays particularly important and appreciated in the job market. In the second semester, classes introduce content specific to the Computer Science major in increasing detail.

FIRST SEMESTER

SUBJECT NAME	ECTS	LECTURE METHOD	AMOUNT OF HOURS (ST/NST)
BASIC OF PROGRAMMING	9	L, D	75/40
GRAPHICS AND HUMAN-COMPUTER COMMUNICATION	7	L, D	60/32
DESIGNING WEBSITES	4	D	30/16
BASIC OF E-LEARNING	2	L, D	16/8
MATHEMATICS FOR COMPUTER SCIENTISTS	8	L, D	75/40
OHS	0	E	8/4

SECOND SEMESTER

SUBJECT NAME	ECTS	LECTURE METHOD	AMOUNT OF HOURS (ST/NST)
ELECTRONICS FOR COMPUTER SCIENTISTS	6	L, D	60/32
DISCRETE MATHEMATICS	8	L, D	70/40
ELEMENTS OF MODERN PHYSICS	5	L, D	48/28
ALGORITHMS AND COMPLEXITY	6	L, D	75/40
COMPUTER SYSTEMS ARCHITECTURE	6	L, D	60/40

SECOND YEAR OF STUDY

In the second year of study, subjects concentrating on the chosen field of study are introduced into the programme. They enable students to broaden their knowledge and acquire competences which are necessary for understanding and practical use of IT knowledge in various spheres of professional activity. Specialist subjects in Project management and user experience are also introduced in the fourth semester.

THIRD SEMESTER

SUBJECT NAME	ECTS	LECTURE METHOD	AMOUNT OF HOURS (ST/NST)
PROGRAMMING LANGUAGES AND PARADIGMS	8	L, D	75/40
DATABASES	7	L, D	60/32
OPERATING SYSTEMS	6	L, D	60/32
NETWORK TECHNOLOGIES	6	L, D	60/32

FOURTH SEMESTER

SUBJECT NAME	ECTS	LECTURE METHOD	AMOUNT OF HOURS (ST/NST)
EMBEDDED SYSTEMS	6	L, D	60/32
SOFTWARE ENGINEERING	7	L, D	60/32
FUNDAMENTALS OF DIGITAL PRODUCT DESIGN	4	D	45/24
USER INTERFACE DESIGN	5	L, D	45/24
RESEARCH AND ANALYSIS USER EXPERIENCE	5	L, D	30/16

THIRD YEAR OF STUDY

In your third year of study, you will complete your studies in the 5th semester with courses in a project management and user experience, which in practice will already allow you to start working in this area. In the 6th semester, you can choose a second specialization that will shape your professional profile.

Artificial intelligence and data science

Data processing has long moved far beyond simple Excel sheets and even traditional database systems. Want to learn how to teach a computer to distinguish between a terrier and a bulldog, or write a program that will recommend a movie to watch tonight? Or are you interested in predicting the future? These and many more examples of practical applications of artificial intelligence in everyday life can be found in this specialization!

Designing mobile applications

Mobile devices are now an integral part of many people's lives, and it's hard to imagine devices without apps written for them. In this specialization you will learn how to create applications for different platforms and in different technologies. You can develop the knowledge gained during the UX and PM specialization in a practical way or expand your technology portfolio obtained during the Web Applications specialization. Be mobile-first with this specialty!

FIFTH SEMESTER

SUBJECT NAME	ECTS	LECTURE METHOD	AMOUNT OF HOURS (ST/NST)
SOFTWARE DEVELOPMENT METHODOLOGIES	8	L, D	60/32
DIGITAL PRODUCT DESIGN MANAGEMENT	6	L, D	30/16
EMPATHIZATION AND IDEATION - THE SEARCH FOR PRODUCT SHAPE	7	L, D	45/24
BASIC OF SOCIAL COMMUNICATION	3	L	30/16
BASIC OF ECONOMICS	4	L	30/16
TEAM COMMUNICATION IN IT	3	D	30/16

SIXTH SEMESTER

To choose one of the two specialization path.

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

SUBJECT NAME	ECTS	LECTURE METHOD	AMOUNT OF HOURS (ST/NST)
FUNCTIONAL PROGRAMMING	9	D	75/40
SELECTED ISSUES OF ARTIFICIAL INTELLIGENCE	9	L, D	75/40
MACHINE LEARNING	9	D	75/40

DESIGNING MOBILE APPLICATIONS

SUBJECT NAME	ECTS	LECTURE METHOD	AMOUNT OF HOURS (ST/NST)
INTRODUCTION TO MOBILE SYSTEMS	7	D	60/32
DESIGNING INTERFACES FOR MOBILE DEVICES	7	L, D	60/32
MOBILE DEVICES PROGRAMMING LANGUAGES	7	D	60/32
GRAPHICS FOR MOBILE DEVICES	6	D	60/32

FOURTH YEAR OF STUDY

In the fourth year of study you will complete the study of specialty subjects. You will also complete an professional traineeship and work on your own IT project, which will help you to find your future job more easily.

SEVENTH SEMESTER

To choose one of the two specialization path.

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

SUBJECT NAME	ECTS	LECTURE METHOD	AMOUNT OF HOURS (ST/NST)
IT PROJECT	4	D	30/16
TEAM PROJECT	8	D	30/16
PROFESSIONAL TRAINEESHIP	10	PT	250/250
BUSINESS DATA ANALYSIS	5	D	45/24
BIG DATA HANDLING	5	D	60/32
DEEP LEARNING	6	L, D	60/32

DESIGNING MOBILE APPLICATIONS

SUBJECT NAME	ECTS	LECTURE METHOD	AMOUNT OF HOURS (ST/NST)
IT PROJECT	4	D	30/16
TEAM PROJECT	8	D	30/16
PROFESSIONAL TRAINEESHIP	10	PT	250/250
NETWORK ISSUES IN MOBILE DEVICES	5	D	45/24
SOFTWARE ENGINEERING OF MOBILE DEVICES	6	L, D	45/24
DEVELOPING PROGRESSIVE MOBILE APPLICATIONS	6	D	60/32

EIGHTH SEMESTER

SUBJECT NAME	ECTS	LECTURE METHOD	AMOUNT OF HOURS (ST/NST)
PROFESSIONAL TRAINEESHIP	8	L, D	60/32
PREPARATION OF AN IT PROJECT	6	L, D	30/16
DIPLOMA EXAM	7	L, D	45/24

The study programme also includes foreign language classes and (for full-time students) sports and recreational activities.

Tuition fees

FIXED TUITION - FLEXIBLE PAYMENTS

By choosing to study at UEHS, you can be sure that the tuition fee will not change throughout the duration of your studies. You can pay the tuition fee once for the entire year of study or spread over a semester payment. This allows you to decide how you want to plan your expenses.

REDUCE THE COST OF YOUR STUDIES

As part of the UEHS discount programme, you can take advantage of various reductions and promotions. They are usually applied in the first year of study. It means that your tuition fees will be reduced by the amount of the discounts granted. Candidates who register and pay their tuition fees within one month of registration will receive an English language course for free. The course covers 80 hours of English classes and 20 hours of classes of Polish culture.

FEES

EU&OTHER COUNTRIES GROUP

YEAR OF STUDY	ANNUALLY	PER SEMESTER
1st year	2500 €	1400 €
2nd and 3rd	2500 €	1400 €

OTHER COUNTRIES

YEAR OF STUDY	ANNUALLY	PER SEMESTER
1st year	3600 €	1950 €
2nd and 3rd	3600 €	1950 €

Scholarships - easier than you think



While studying at UEHS, you can take advantage of a wide range of financial support from the state budget and European funds, as well as benefit from special discounts with UEHS discount program

You can submit most scholarship applications quickly and easily through your online account.

2020/2021 ACADEMIC YEAR

292

RECTOR'S
SCHOLARSHIPS

106

SOCIAL
SCHOLARSHIPS

79

SCHOLARSHIPS
FOR PEOPLE
WITH DISABILITIES

PLN 1,890,289.35 was spent in 2019 on scholarships
PLN 2,911,662.50 was spent in 2020 on scholarships

**SCHOLARSHIP • SPORTS SCHOLARSHIPS • SOCIAL SCHOLARSHIPS
• SPECIAL SCHOLARSHIPS FOR DISABLED PEOPLE • ALLOWANCES**